The Premiere Entertainment Notebook PC.

POWERFUL PERFORMANCE

Screaming-fast Intel® Centrino® Duo processor technology and super-powerful next-generation Intel® Core™ 2 Duo processors (with up to 6MB L2 Cache) available.

Choose from Genuine Microsoft® Windows Vista® Ultimate, Home Premium or Business to provide an array of advanced technologies.

Choose from dual hard disk drives ranging from 240GB[2] to 640GB[2] and system memory options between 2GB, 3GB and 4GB RAM.

EXCEPTIONAL TECHNOLOGIES

Blu-ray Disc™ support lets you playback[15] HD Blu-ray Disc movies in stunning clarity (Configurable Feature).

Blu-ray Disc™ optical drive lets you record 25-50GB of data to a single Blu-ray Disc media[16] (Configurable Feature).

Stunning XBRITE-HiColor™ LCD technology delivers dazzling colors and stunning picture clarity.

MULTIMEDIA POWERHOUSE

Spacious 17" widescreen display[8] and full-sized keyboard.

NVIDIA® GeForce® Go graphics card with 512MB dedicated video memory, will power you through today's graphic-intensive movies and games.

Media management software suite provides the tools needed to manage music, movies and photos.

Built-in 1.3 megapixel camera and microphone let you participate in video chats and conferencing[12].

With NTSC and ATSC TV tuners and CableCARD™ support, you can watch analog and digital TV and record premium and cable subscription-based HD content directly to the hard drive for on-demand viewing[19] (Configurable feature).

The VAIO® AR notebook is a multimedia powerhouse with configurable features like Blu-ray™ Disc and TV Tuner, which let you watch high definition Blu-ray™ Disc media or TV on its 17" widescreen display[8] with XBRITE-HiColor™ LCD technology. Backed by your choice of Intel® Core™ 2 Duo processor, this screaming-fast, super-powerful notebook is the ultimate desktop replacement.

Final image may vary depending on configuration

Blu-ray Disc™

Bluetooth™

WiFi CERTIFIED

dlna CERTIFIED

HDNA

XBRITE-HiColor™

VGN-AR770 CTO

VAIO® AR Configure-to-Order Notebook

Specifications

General

Computer Type: Notebook
Type of Use: Desktop Replacement
Action Buttons: S1, S2, AV Mode, Volume, Mute, Eject, Play/Pause/Stop, Wireless LAN On/Off, FF and Rewind

Hardware

Pointing Device: Electro-Static touch pad
Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T9500 (Configuration 1), Intel® Core™ 2 Duo Processor T9300 (Configuration 2), Intel® Core™ 2 Duo Processor T8300 (Configuration 3), Intel® Core™ 2 Duo Processor T8100 (Configuration 4) or Intel® Core™ 2 Duo Processor T7250 (Configuration 5)
Speed: 2.60GHz[1] (Configuration 1), 2.50GHz[1] (Configuration 2), 2.40GHz[1] (Configuration 3), 2.10GHz[1] (Configuration 4) or 2GHz[1] (Configuration 5)
Front Side Bus Speed: 800MHz
L2 Cache: 6MB (Configurations 1-2), 3MB (Configurations 3-4) or 2MB (Configuration 5)
Technology: Intel® Centrino® Duo processor technology

Memory

Type: DDR2 SDRAM
Installed: 4GB[17] (2GBx2) PC2-5300, 3GB (2GBx1+1GBx1) PC2-5300 and 2GB (1GBx2) PC2-5300
Maximum: 4GB[17]
Speed: 667MHZ

Hard Drive

Capacity: 640GB[2] (320GBx2) (Configuration 1), 600GB[2] (300GBx2) (Configuration 2), 500GB[2] (250GBx2) (Configuration 3), 400GB[2] (200GBx2) (Configuration 4), 400GB[2] (200GBx2) (Configuration 5), 320GB[2] (160GBx2) (Configuration 6) or 240GB[2] (120GBx2) (Configuration 7)
Speed: 5400rpm (Configurations 1, 3, 5-7)
4200rpm (Configuration 2)
7200rpm (Configuration 4)
Interface: Serial ATA
Technology: RAID Technology

Optical Drive #1

DVD+R DL Write: 2.4x max.
DVD+R Write: 8x max.
DVD+RW Write: 4x max.
DVD-R Write: 8x max.
DVD-RW Write: 4x max.
CD-R Write: 8x max.
CD-RW Write: 8x max.
DVD±RW: Yes[4]
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 2x max.
BD-R Read: 2x max. (BD-ROM)
2x max. (Blu-ray Disc™)
BD-R Write: 2x max. (Blu-ray Disc™ only)
BD-RE Write: 2x max. (Blu-ray Disc™ only)
BD-ROM Read: 2x max. (BD-ROM)
2x max. (Blu-ray Disc™)
BD-RE Read: 2x max. (BD-ROM)
2x max. (Blu-ray Disc™)
BD-R DL Read: 1.6x max. (BD-ROM)
1.6x max. (Blu-ray Disc™)
BD-R DL Write: 1x max. (Blu-ray Disc™ only)
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Optional[15]
BD-RE DL Read: 1.6x max. (BD-ROM)
1.6x max. (Blu-ray Disc™)
BD-RE DL Write: 1x max. (Blu-ray Disc™ only)

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick® and Memory Stick Duo™ media[3] with MagicGate® functionality
One Secure Digital (SD) Media Slot
One PCMCIA - Type II/Type I card slot with CardBus support
One ExpressCard® / 54 Slot

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WUXGA or WXGA+
Screen Size: 17"[a]
Resolution: 1920x1200 WUXGA or 1440x900 WXGA+
XBRITE-HiColor™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 8600M GT GPU with Total Available Graphics Memory of 1279MB (max.)[14] if 2GB System Memory is selected.
NVIDIA® GeForce® 8600M GT GPU with Total Available Graphics Memory of 1791MB (max.)[14] if 3GB or 4GB System Memory is selected.
Video RAM: 512MB Dedicated Video RAM
Chipset: Mobile Intel® PM965 Express Chipset
Interface: VGA out w/ Smart Display Sensor, HDMI out and S-Video out
TV Tuner: Optional - ATI TV Wonder™ Digital Cable Tuner with NTSC and ATSC Support (Only available with Windows Vista® Home Premium or Windows Vista® Ultimate)

Inputs and Outputs

Ethernet Port: 1
HDMI™ Connection Output(s): 1
Headphone Jack: 1
i.LINK® Interface: 1 (4pin) i.LINK® connector (IEEE 1394)[6]
Memory Stick® Media Slot: 1
Modem Jack: 1
Secure Digital Slot: 1
Microphone Input: 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
Express Card™ Slot: /54 x 1
S/PDIF Output(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX/1000Base-T
Modem Type: Integrated V.92/V.90 Modem with (RJ-11)
Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Bluetooth® Technology[10]

Power

Battery Type: Standard Capacity Battery (VGP-BPS9A/B) or Large Capacity Battery (VGP-BPL9)
Estimated Battery Life: TBD hours[7] (Standard Battery)
TBD hours[7] (Large Capacity Battery)
Power Requirements: 150W+10%

Software

Operating System: Microsoft® Windows Vista® Home Premium, Windows Vista® Business or Windows Vista® Ultimate
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office[13] Home and Student 2007 (with Windows Vista® Home Premium and Windows Vista® Ultimate) or Small Business 2007 (with Windows Vista® Business)
Sony® Original Software: Click to Disc™ - DVD Creation
LocationFree Player® Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Security and Anti-Virus Software: Norton 360™ All-In-One Security 60-day Trial

Service and Warranty Information

Limited Warranty: 1 Year Limited Warranty[9]
Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[11]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 8.4 lbs.[18] (with standard battery)
Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)[18]

Supplied Accessories

Standard Lithium-ion Battery (VGP-BPS9A/B) or Large Capacity Lithium-ion Battery (VGP-BPL9)
AC Adapter (VGP-AC19V15)
Power Cord
Remote and IR Receiver (only if TV Tuner is selected)
RF Cable (only with TV Tuner is selected)
Optional ATI TV Wonder™ Digital Cable Tuner

Optional Accessories

Large Capacity Battery (VGP-BPL9)
Additional Standard Capacity Battery (VGP-BPS9A/B)
Additional AC Adapter (VGP-AC19V15)
USB Floppy Drive (VGP-UFD1)
Universal Carrying Case (VGP-AMB1A)
Neoprene Notebook and AC Adapter Case (VGP-AMC2)
Bluetooth® Laser Mouse (VGP-BMS33/B)
Notebook Backpack (VGP-AMB2)
Secondary ATI TV Tuner (VGP-ANK1)
LocationFree™ Base Station (LF-V30)

Color: Black Magnesium (With WXGA+ Display), Glossy Piano Black (With WUXGA Display)

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate® functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions.
8. Viewable area measured diagonally.
9. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
10. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible.
11. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
13. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
14. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video memory and Shared System Memory. Shared System Memory vaires depending on the operating condition and system memory size.
15. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
16. Video recording to Blu-ray Disc™ media is done in MP2 format only.
17. A portion of the system memory over 3GB available to the operating system.
18. Non-metric weights and measure may vary.
19. The digital TV tuner supports a CableCARD™ removable security module. Contact your cable operator to receive a CableCARD compatible with your operator's network (additional charges may apply). Not all functions that are available when using a set-top box provided by your cable operator will be supported by CableCARD (e.g., video-on-demand and pay-per-view functionality may not be supported). Premium HD programming requires additional subscription fee.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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